

Attorney Docket No. PP00336.129 (2300-0336.10)

PATENT

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By: 

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of Sergio Abrignani

Serial No.: Not Assigned Examiner: Not Assigned

Confirmation No.: Art Unit: Not Assigned

Filed: Herewith

For: BINDING PROTEIN

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT TRANSMITTAL

Enclosed is an Information Disclosure Statement and accompanying Form PTO/SB/08A for the above-identified patent application.

- In accordance with 37 C.F.R. §1.97(b), no additional fee for submission of the IDS is required.
- In accordance with 37 C.F.R. §1.97(c), also enclosed is:
 - the fee of \$180.00 as set forth in 37 C.F.R. §1.17(p); or
 - a statement as specified in 37 C.F.R. §1.97(e).
- In accordance with 37 C.F.R. §1.97(d), a statement as specified in 37 C.F.R. § 1.97(e) and the fee of \$180.00 as set forth in 37 C.F.R. §1.17(p) are also enclosed.
- Check No. ___ in the amount of \$___ for the total fee is attached.

A return receipt postcard is also enclosed.

Please charge \$_____ to Deposit Account No. 18-1648 for the total fee.
This paper is being submitted in duplicate.

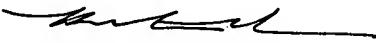
The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§1.16, 1.17, and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 18-1648.

Dated: 3/18/04

Respectfully submitted,

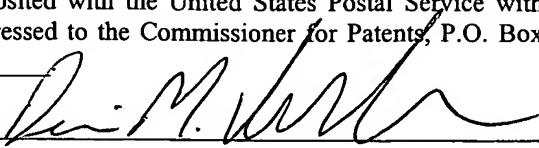
Chiron Corporation
Intellectual Property – R440
Emeryville, CA 94662
Tel: (510) 923-2708
Fax: (510) 655-3542

By: _____



Roberta L. Robins
Reg. No. 33,208

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By: 

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of Sergio Abrignani

Serial No.: Not Assigned

Examiner: Not Assigned

Confirmation No.:

Art Unit: Not Assigned

Filed: Herewith

For: BINDING PROTEIN

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §1.97(b)**

In accordance with the duty of disclosure set forth in 37 C.F.R. §1.56,
Applicant(s) hereby submits the following information in conformance with 37 C.F.R.
§§1.97 and 1.98.

- Pursuant to 37 C.F.R. §1.98, a copy of each document cited in the attached Form PTO/SB/08 is enclosed.
- No copies of the publications listed on the attached Form PTO/SB/08A are being provided pursuant to 37 C.F.R. §1.98(d) because the publications were previously cited by or submitted to the Office in prior Application Serial No. 09/011,910 to which the above-identified application claims priority under 35 U.S.C. §120.
- Publication(s) _____ listed on the attached Form PTO/SB/08A were cited in a foreign search or examination report corresponding to _____ application serial no. _____ and mailed on _____.

- Enclosed is a copy of a non-English publication(s) ___. Pursuant to §609 of the M.P.E.P., Applicant submits the attached foreign search or examination report, which cites such non-English language publication(s).
- Enclosed is a copy of a non-English publication(s) ___. English language publication __ (copy enclosed) claims priority from this non-English publication.
- Enclosed is an explanation of non-English publication(s) __ for which an English translation is not available.
- Enclosed is an English translation of non-English publication(s) __ cited in the attached Form PTO/SB/08A.
- Enclosed is a copy of pending patent Application Serial No. ____.

This Information Disclosure Statement is filed within any one of the following time periods:

- within three months from the filing date of this national application other than a CPA under 37 C.F.R. § 1.53(d);
- within three months from the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in this international application;
- before the mailing date of a first office action on the merits; or
- before the mailing of a first office action after the filing of a request for continued examination under 37 C.F.R. §1.114.

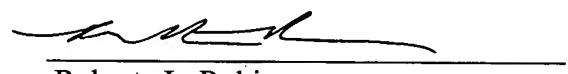
It is respectfully requested that the Examiner consider the above-noted information and return an initialed copy of the attached Form PTO/SB/08A to the undersigned.

Dated: 3/18/04

Respectfully submitted,

Chiron Corporation
Intellectual Property – R440
P. O. Box 8097
Emeryville, CA 94662
Tel: (510) 923-2708
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By:


Roberta L. Robins
Reg. No. 33,208

Please type a plus sign (+) inside this box ➔

+

PTO/SB/08A (08-00)

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				<i>Complete if Known</i>										
Sheet	1	of	3	Attorney Docket Number										
				2300-0336.10										
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">Application Number</td> <td style="width: 50%; padding: 2px;">Not Assigned</td> </tr> <tr> <td style="padding: 2px;">Filing Date</td> <td style="padding: 2px;">Herewith</td> </tr> <tr> <td style="padding: 2px;">First Named Inventor</td> <td style="padding: 2px;">Abrignani</td> </tr> <tr> <td style="padding: 2px;">Group Art Unit</td> <td style="padding: 2px;">Not Assigned</td> </tr> <tr> <td style="padding: 2px;">Examiner Name</td> <td style="padding: 2px;">Not Assigned</td> </tr> </table>					Application Number	Not Assigned	Filing Date	Herewith	First Named Inventor	Abrignani	Group Art Unit	Not Assigned	Examiner Name	Not Assigned
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Filing Date	Herewith													
First Named Inventor	Abrignani													
Group Art Unit	Not Assigned													
Examiner Name	Not Assigned													

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
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***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number.

² See attached Kinds of U.S. Patent Documents.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

⁶ Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/08A (08-00)

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
Sheet	2	of	3	Attorney Docket Number	2300-0336.10

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ¹
		Chien et al., "Diagnosis of Hepatitis C Virus (HCV) Infection Using an Immunodominant Chimeric Polyprotein to Capture Circulating Antibodies: Reevaluation of the Role of HCV in Liver Disease", Proc. Natl. Acad. Sci. USA., (1992) 89:10011-10015	
		Choo et al., "Genetic Organization and Delivery of the Hepatitis C Virus", Proc. Natl. Acad. Sci. USA., (1991) 88:2451-2455	
		Darzynkiewicz et al., "Flow Cytometry", Academic Press (c1990)	
		Gething et al., "Contraction of Influenza Haemagglutinin Genes that Code for Intracellular and Secreted Forms of the Protein", Nature (1982) 300:598-603	
		Laemmli, "Cleavage of Structural Proteins During the Assembly of the Head of Bacteriophage T4", Nature (1970) 227:680-685	
		Morre et al., "Plasma and Internal Membranes from Cultured Mammalian Cells", Methods in Enzymology (1994) 228:448-450	
		Rosa et al., "A Quantitative Test to Estimate Neutralizing Antibodies to the Hepatitis C Virus: Cytofluorimetric Assessment of Envelope Glycoprotein 2 Binding to Target Cells", Proc. Natl. Acad. Sci. USA., (1996) 93:1756-1763	
		Spaete et al., "Characterization of the Hepatitis C Virus E2/NS1 Gene Product Expressed in Mammalian Cells", Virology (1992) 188:819-830	
		Minutello et al., Journal of Hepatology, 17 (Suppl. 1):55-56	
		Rice, C.M., Hepatology 29(3):990-992	
		Rowlands et al., pp. 795-808, in Henry, J.B. ed., Clinical Diagnosis & Management by Laboratory Methods, 18 th ed., W.B. Saunders Company, Philadelphia	

Examiner Signature	Date Considered	
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PTO/SB/08A (08-00)

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
Sheet	3	of	3	Application Number	Not Assigned
				Filing Date	Herewith
				First Named Inventor	Abrignani
				Group Art Unit	Not Assigned
				Examiner Name	Not Assigned
				Attorney Docket Number	2300-0336.10

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ¹
		Shimonaka et al., Journal of Biological Chemistry, 269(19):14284-14289	
		Bowie et al., Science, 247:1306-1310 (1990)	
		Burgess et al., Journal of Cell Biology, 111:2129-2138 (1990)	
		Lazar et al., Molecular and Cellular Biology, 8:1247-1252 (1988)	
		Levy et al., Structure and Membrane Topology of TAPA-1, The Journal of Biological Chemistry 266(22):14597-14602 (1991)..,	
		Pileri et al., Binding of Hepatitis C Virus to CD81, Science 282:938-941 (1998)	
		Levy et al., "CD81 (TAPA-1): A Molecule Involved in Signal Transduction and Cell Adhesion in the Immune System," Annu. Rev. Immunol., 16:89-109 (1998)	

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